

FIRST ARTICLE REQUIREMENTS

(AFLCR 70-22 and FAR PART 9, SUB PART 9.3)

1. DATE

18 June 92

2. P/R/MIPR NUMBER

3. PART NUMBER

16P1802-3

4. NSN

2990-01-117-4429WF

5. FIRST ARTICLE QUANTITY

The First Article is (- one - unit(s) of Lot / Item number one).

☒ Preproduction Models

☐ First Lots

and will be

☐ Initial Production Samples

☐ Pilot Models

☐ part of production quantity

☐ Test Samples

☐ Pilot Lots

☐ in addition to production quantity

6. ARTICLES

☐ Will

☒ Will not serve as a manufacturing standard

7. LONG LEAD TIME ITEMS

☒ REQUIRED

☐ NOT REQUIRED

(See FAR 52.209-3 or -4, Alternate II)

8. SPECIAL REQUIREMENT / PRODUCTION FACILITIES (See FAR 52.209-3 or -4, Alternate I)

☒ Required

☐ Not required

"The First Article offered must be manufactured at the facilities in which that item is to be procured under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."

9. A. ☐ Contractor Testing

Performance or other characteristics which the first articles must meet are _____

B. ☐ Contractor Proposed Test Plan Required

(1) DD Form 1423 ELIN _____

(2) Delivery due _____ calendar days from date of contract.

(3) Number of days for government approval / disapproval days. _____

C. The detailed technical requirement for first article approval tests are contained in _____

(Cite spec and para number.)

D. Contractor's written notification to PCO and

(requesting activity) of test time and location due _____ days prior to start of testing.

E. Contractor's Test Report

(1) DD Form 1423 ELIN _____

(2) Due _____ calendar days from date of contract

(3) Forwarded to _____

(enter address of office to receive Report)

(4) Government written notice of approval / disapproval due _____ days after receipt of contractor's report.

10. A. ☒ Government Testing

The performance or other characteristics which the first article must meet in order to be approved are _____
Conformance with all drawings

and specifications.

B. The test to which the first article will be subjected to are given in the Government reserves the right to test item to any or all specifications included in the contract requirements.

(Cite spec and para number.)

C. First Article Delivery:

(1) Due within _____ calendar days from date of contract

(2) Notify _____ calendar days prior to shipment

(3) Delivered to government at OO-ALC/LICF

Attn: Non-accountable Bay Transportation Officer, Bldg 849, Hill AFB, UT 84056
(set forth consignee and address)

(4) Government written notice of approval / disapproval within 90 days after receipt of first article package

D. Estimated cost of government testing / inspection evaluation

\$ 350.00

11. Disposition of First Articles:

☒ Approved first articles will be forwarded to Supply

☐ Approved first articles will be retained by _____ until the production articles are delivered, and then forwarded to USAF Supply.

☐ First articles will be expended in testing. Residual components of disapproved first articles ☐ will not be returned to the contractor/ ☐ will be retained by _____ pending disposition instructions from the contractor. (NOTE: If disposition instructions are not received within 30 days of contractor notification of disapproval, disposition will be determined by _____.)

☐ First articles will be installed on aircraft / equipment to determine proper fit / function. Approved article will remain on the aircraft / equipment and will not be forwarded to USAF Supply, but will be considered part of the contract quantity.

☒ Disapproved first articles will be retained by OO-ALC/LICF pending disposition instructions from the contractor. (NOTE: If disposition instructions are not received within 30 days of contractor notification of disapproval, disposition will be determined by OO-ALC/LICF.)

☒ On purchase requests designated for foreign military sales (FMS) only, the following disposition will apply.

a. Approved first articles will be returned to the contractor for shipment with production item.

b. Disposition of disapproved first articles will remain the same as marked above.

☐ Other Disposition : _____

FIRST ARTICLE REQUIREMENTS (Continuing Sheet)

12. Condition(s) for Waiver of First Article Approval

- a. ☐ Offerors who have previously furnished production quantities of the same article to the _____ Government, _____ DOD, _____ Air Force.
- b. ☒ Offerors who have previously furnished production quantities of the same article to the prime contractor for delivery to the _____ Government, L DOD, L Air Force.
- c. ☒ Offerors currently in production of the same article for a L Government, L DOD, L Air Force contract and who have received First Article approval under the existing contract.
- d. ☒ Offerors who have previously furnished production quantities of the same article to the L Government, L DOD, L Air Force providing articles thus furnished have exhibited satisfactory performance in service, in the opinion of the Air Force.
- e. ☐ See remarks on AFLC / AFSC Form 2.
- f. ☒ Provided not more than 36 months have elapsed since completion of the contract.
- g. ☐ First Article testing will not be waived.

NOTE TO BUYER: Under condition d above, the cognizant engineering activity will make the decision of whether or not the item has exhibited satisfactory performance in service and prepare and retain supporting documentation to fully justify this decision. The buyer must solicit dual prices (that is, both with and without requirement for first article approval) and must furnish the cognizant engineering activity with the following information on the previously supplied article:

a. Procuring Office b. Contract Number c. Date of Contract d. Specification Number and Revision

13. DELIVERY OF PRODUCTION UNITS (Specific Calendar Date Required)

ITEM	QUANTITY	DATE (On or Before)

*If RC or IQ type contract, delivery shall be set forth in terms of after receipt of order (ARO). The form should be revised accordingly.

14. REMARKS

The manufacture of this item requires techniques, processes, tooling, testing or finish(es) of such nature that only by First Article testing and evaluation can assurance be obtained that a contractor has the capability of producing the item in accordance with the instructions and data supplied or specified.

15. COGNIZANT ENG ORGANIZATION RESPONSIBLE FOR CONDUCTING AND / OR APPROVING TEST (Name, Organization, and Phone Number)

LICF

16. PR INITIATOR (Name, Organization, Phone Number)

REV: A	ENGINEERING DATA REQUIREMENTS (ATTACHMENT "A")	
NOTE: MILITARY SPECIFICATIONS I/STANDARDS WILL NOT BE FURNISHED IN THE BID SET.		
1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF LEVER, THROTTLE		
2. PART NUMBER 16P1802-3	3. NATIONAL STOCK NUMBER 2995-01-117-4429WF	
4. THE FOLLOWING SPECIFICATIONS/STANDARDS, ETC., WILL BE USED IN LIEU OF THE DATA INDICATED. THE SUPERSEDED DATA WILL NOT BE FURNISHED UNLESS SO INDICATED.		
4.1 PENETRANT INSPECT PER ASTM E1417, TYPE I, LEVEL 2, METHOD B PER SAE AMS 2644 IN LIEU OF NDT5-1101.		
NOTE: ONLY THOSE FACILITIES THAT HAVE SUCCESSFULLY COMPLETED THE PRODUCTION PENETRANT DEMONSTRATION PROGRAM AND ARE LISTED IN THE CURRENT REVISION OF FQPL-1101 CAN PERFORM NDT5-1101 INSPECTION TO ZONES 1A, 1B, 1C. THE FOLLOWING ACCEPTANCE/REJECTION CRITERIA WILL BE USED FOR ALL OTHER ZONES AS LISTED BELOW.		
(1) ZONE 0 AND ZONE 1 ROUNDED DISCONTINUITIES EQUAL TO OR EXCEEDING 0.02 INCHES SHALL BE REJECTED.		
(2) ZONE 2 (EXCEPT FOR CAST SURFACES) ROUNDED DISCONTINUITIES EQUAL TO OR EXCEEDING 0.03 INCHES SHALL BE REJECTED.		
(3) ZONE 2 (CAST SURFACES) ROUNDED DISCONTINUITY EQUAL TO OR EXCEEDING 0.03 INCHES SHALL BE REJECTED.		
(4) ZONE 3 THIS ZONE HAS BEEN RESERVED FOR FUTURE USE.		
(5) ZONE 4 THIS ZONE IS INTENDED FOR INSPECTION OF RAW MATERIALS SURFACES, I.E. AS FORGED, AS ROLLED, ETC. DISCONTINUITIES RESULTING FROM SURFACE IMPERFECTIONS WHICH ARE PERMITTED BY THE PROCUREMENT SPECIFICATION ARE ACCEPTABLE.		
(6) ZONE 5 THIS ZONE IS INTENDED FOR AREAS WHERE SUBSEQUENT PROCESSING SUCH AS MACHINING, ETCHING, GRINDING, ETC., WILL BE USED TO REMOVE SURFACE MATERIAL. DISCONTINUITIES RESULTING FROM ROUGH SURFACES, MINOR POTTING, ETC., SHALL NOT BE CAUSE FOR REJECTION PROVIDING THE CONDITIONS ARE REMOVABLE WITHIN DRAWING TOLERANCES.		
(7) ZONE 6 THIS ZONE IS INTENDED FOR AS-CASE SURFACES WHICH REMAIN ON THE FINISHED PART OF AIRCRAFT QUALITY CASTINGS. USE THE ACCEPT/REJECT CRITERIA AS FOR ZONE 2 (CAST SURFACES).		
NOTES: WHEN NO ZONE NUMBER IS SPECIFIED ON THE ENGINEERING DRAWING, ZONE 0 SHALL BE USED AS ACCEPT/REJECT CRITERIA FOR ROUNDED DISCONTINUITIES. LINEAR DEFECTS ARE NOT ALLOWED WHETHER VISIBLE UNDER WHITE OR BLACK LIGHT. LINEAR INDICATIONS ARE LINEAR IN SHAPE AND HAVE A LENGTH THREE TIMES OR GREATER THAN THE WIDTH. FOR A ROUNDED INDICATION TO BE REJECTABLE, IT MUST BE VISIBLE UNDER BLACK LIGHT. FOR DISCONTINUITIES THAT TOUCH THE CONGLOMERATE SIZE SHALL BE CONSIDERED AS ONE DISCONTINUITY. DISCONTINUITIES WHOSE SEPARATION DISTANCE IS EQUAL TO OR CLOSER THAN ZONE CRITERIA SIZE AND WHICH ARE VISIBLE UNDER BLACK LIGHT, SHALL BE REJECTED REGARDLESS OF INDIVIDUAL SIZE.		
4.2 MARK PER MIL-STD-130 IN LIEU OF FPS-3008.		
PREPARED BY HYRUM F. STODDARD	SYMBOL LGMPM	DATE 19 Feb 03

REV: A	ENGINEERING DATA REQUIREMENTS CONTINUATION SHEET (ATTACHMENT "A")	
PART NUMBER 16P1802-3	NATIONAL STOCK NUMBER 2995-01-117-4429WF	
<p>4.3 FINISH SPECIFICATIONS FPS-3001 AND 16PR070 ARE NOT FURNISHED, FINISH PER THE FOLLOWING:</p> <p>4.4 FINISH 12C261-11 SPACER AS FOLLOWS.</p> <p>4.4.1 CLEAN AND CHEMICAL FILM PER MIL-C-5541.</p> <p>4.5 FINISH 16P1802-9 AS FOLLOWS:</p> <p>4.5.1 CLEAN WITH MILD ABRASIVES AND CHEMICAL FILM ALL SURFACES PER MIL-C-5541.</p> <p>4.5.2 APPLY ONE COAT OF MIL-PRF-23377, OR MIL-PRF-85582 PRIMER TO SPECIFIED SURFACE. THE PRIMER COATING MAY BE DELAYED TO A SUBSEQUENT ASSEMBLY LEVEL WHEN THE ENTIRE LENGTH OF FAYING SURFACE OVERLAPS IS REQUIRED FOR ELECTRICAL BONDING. THE EQUIVALENT THICKNESS OF TWO COATS OF PRIMER IS PERMISSIBLE ON THOSE AREAS THAT ARE COVERED WITH TOPCOAT.</p> <p>4.5.3 APPLY ONE COAT OF MIL-C-22750 EPOXY ENAMEL, GRAY, COLOR 36231, ON SPECIFIED SURFACES.</p> <p>4.5.4 TOUCH AS REQUIRED.</p> <p>4.6 FINISH 16P1802-13 SHIM, 16P1802-7 CASTING, AND 16P1868-7 DISC AS FOLLOWS:</p> <p>4.6.1 NO FINISH REQUIRED.</p> <p>4.7 INSTALL BUSHING WITH WET TT-P-1757 OR MIL-PRF-85582 PRIMER PER M333-2B.</p> <p>5.0 THE SOURCES, IF LISTED ON THE C AND P STANDARDS ARE THE ONLY APPROVED SOURCE FOR THE ITEM. ANY SUBSTITUTIONS SHALL REQUIRE APPROVAL FROM OO-ALC-LGFM ENGINEERING.</p> <p>6.0 THE -3 ASSEMBLY REQUIRES A -7 CASTING. THE CASTING SOURCE IS AS FOLLOWS.</p> <p>GSC FOUNDRIES OGDEN, UT. (801)627-1660</p>		
PREPARED BY HYRUM F. STODDARD	SYMBOL LGMPM	DATE 19 Feb 03